

AMENDMENT(S) TO THE CLAIMS

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3 1. (previously presented) A method comprising:
4 establishing an instantaneous network between a first mobile device and a
5 second mobile device, each mobile device having ad hoc networking capability;
6 sending first information from the first mobile device to the second mobile
7 device automatically, the first information including at least information received
8 by the first mobile device from one or more third devices other than the first
9 mobile device and the second mobile device during at least one instantaneous
10 network previously established between the first mobile device and the one or
11 more third devices; and,

12 storing the first information at the second mobile device;
13 wherein the first mobile device is not part of the at least one instantaneous
14 network previously established between the first mobile device and the one or
15 more third devices during the establishing and the sending.

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17 2. (original) The method of claim 1, wherein the instantaneous network
18 between the first mobile device and the second mobile device is a piconet.
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1 3. (previously presented) The method of claim 1, further comprising:
2 sending second information from the second mobile device to the first
3 mobile device, the second information including at least information received by
4 the second mobile device from one or more fourth devices other than the first
5 mobile device and the second mobile device during at least one instantaneous
6 network previously established between the second mobile device and the one or
7 more fourth devices; and,

8 storing the second information at the first mobile device in a structure in
9 which the first information has already been stored.

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11 4. (original) The method of claim 3, wherein the first information is stored
12 at the second mobile device in a structure in which the second information has
13 already been stored.

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15 5. (original) The method of claim 4, wherein each of the structure at the
16 first mobile device and the structure at the second mobile device is a tree structure.

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18 6. (previously presented) The method of claim 1, wherein the first
19 information includes identity information regarding each of the one or more third
20 devices and identity information regarding the first mobile device.

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22 7. (original) The method of claim 1, wherein the first information includes
23 one or more of: advertising information and dating information.

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1 8. (original) The method of claim 1, wherein the first information is
2 divided into nodes.

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4 9. (original) The method of claim 8, wherein each node contains an
5 associated decay value, such that information contained in the node decays over
6 time and the node is deleted upon expiration.

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8 10. (original) The method of claim 9, wherein storing the first information
9 at the second mobile device comprises copying each node of the first information
10 into the structure, including the associated decay value contained in the node.

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12 11. (original) The method of claim 9, wherein storing the first information
13 at the second mobile device comprises copying each node of the first information
14 into the structure, and updating the associated decay value contained in the node.

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16 12. (previously presented) The method of claim 1, wherein at least one of
17 the one or more third devices and the one or more fourth devices is a mobile
18 device.

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20 13. (previously presented) The method of claim 1, wherein at least one of
21 the one or more third devices and the one or more fourth devices is a stationary
22 device.

1 **14. (original)** The method of claim 1, wherein the first information decays
2 over time, such that the first information is deleted upon expiration.

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4 **15. (original)** The method of claim 1, wherein the first information is
5 formatted according to a markup language.
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1 16. (previously presented) A computer-readable medium having
2 instructions stored thereon for execution by a processor of a first device having ad
3 hoc networking capability to perform a method comprising:

4 establishing an instantaneous network with a second device having ad hoc
5 networking capability;

6 exchanging configuration information with the second device, each of the
7 first device and the second device having a current configuration selected from at
8 least a send-only configuration and a send-and-receive configuration;

9 in response to determining that the current configuration of the second
10 device is the send-and-receive configuration,

11 sending first information to the second device, the first information
12 including at least information received by the first device from one or more
13 third devices other than the first device and the second device during at
14 least one instantaneous network previously established between the first
15 device and the one or more third devices; and,

16 in response to determining that the current configuration of the first device
17 is the send-and-receive configuration,

18 receiving second information from the second device;

19 storing the second information in a structure;

20 wherein the first device is not part of the at least one instantaneous network
21 previously established between the first device and the one or more third devices
22 during the establishing, the exchanging, and the sending.

1 17. (original) The computer-readable medium of claim 16, wherein the
2 instantancous network established with the second device is a piconet.

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4 18. (previously presented) The computer-readable medium of claim 16,
5 wherein the second information includes at least information received by the
6 second device from one or more fourth devices other than the first device and the
7 second device during at least one instantaneous network previously established
8 between the second device and the one or more fourth devices.

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10 19. (original) The computer-readable medium of claim 16, wherein the
11 first information has already been stored in the structure.

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13 20. (original) The computer-readable medium of claim 16, wherein each
14 of the first information and the second information is divided into nodes.

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16 21. (original) The computer-readable medium of claim 20, wherein each
17 node contains an associated decay value, such that information contained in the
18 node decays over time and the node is deleted upon expiration.

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20 22. (original) The computer-readable medium of claim 21, wherein storing
21 the second information in the structure comprises copying each node of the second
22 information into the structure, including the associated decay value contained in
23 the node.

1 23. (original) The computer-readable medium of claim 21, wherein storing
2 the second information in the structure comprises copying each node of the second
3 information into the structure, and updating the associated decay value contained
4 in the node.

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6 24. (original) The computer-readable medium of claim 16, wherein at least
7 one of the first device and the second device is a mobile device.

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9 25. (original) The computer-readable medium of claim 16, wherein at least
10 one of the first device and the second device is a stationary device.

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12 26. (original) The computer-readable medium of claim 16, wherein the
13 first device has Bluetooth communication capability that enables the ad hoc
14 networking capability.

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16 27. (original) The computer-readable medium of claim 16, wherein the
17 first device has 802.11b communication capability that enables the ad hoc
18 networking capability.

1 **28.** (previously presented) A device comprising:
2 a communications component enabling ad hoc networking capability;
3 a memory storing a computer program to establish an instantaneous
4 network with a second device using the ad hoc networking capability, to send first
5 information from a structure stored in the memory where the second device has a
6 receiving configuration, and to receive second information from the second device
7 and store the second information in the structure where the device has a receiving
8 configuration; and,

9 a processor executing the computer program from the memory, the first
10 information including at least information received by the device from one or
11 more third devices other than the device and the second device during at least one
12 instantaneous network previously established between the device and the one or
13 more third devices;

14 wherein the device is not part of the at least one instantaneous network
15 previously established between the device and the one or more third devices when
16 the first information is sent from the structure stored in the memory or when the
17 second information is received from the second device.

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19 **29.** (previously presented) The device of claim 28, wherein the
20 instantaneous network established with the second device is a piconet.

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22 **30.** (original) The device of claim 28, wherein the device is a mobile
23 device selected from a group of mobile devices comprising: a wireless phone and
24 a personal-digital assistant (PDA) device.
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1 31. (original) The device of claim 28, wherein each of the first information
2 and the second information is divided into nodes, each node containing an
3 associated decay value, such that information contained in the node decays over
4 time and the node is deleted upon expiration.

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6 32. (original) The device of claim 28, further comprising one or more of:
7 an input component, and a display component.

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9 33. (previously presented) A method for communicating information from
10 a first device to a second mobile device via an intermediary mobile device, each of
11 the first device, the second mobile device and the intermediary mobile device
12 having ad hoc networking capability, the method comprising:

13 providing a first ad hoc network including at least the first device and the
14 intermediary mobile device;

15 transmitting information from the first device to the intermediary mobile
16 device through the first ad hoc network through which the information is provided
17 from the first device to the intermediary mobile device;

18 storing the information in the intermediary mobile device;

19 permitting the first ad hoc network to dissipate at least with respect to the
20 intermediary mobile device;

21 establishing, after the permitting, a second ad hoc network including at
22 least the intermediary mobile device and the second mobile device; and,

23 automatically sending the information from the intermediary mobile device
24 to the second mobile device.
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1 **34. (new)** A mobile device that is capable of acting as an intermediary and
2 that is configured to enable it to perform actions comprising:

3 establishing a first instantaneous network including at least the
4 intermediary mobile device and a second mobile device;

5 receiving information at the intermediary mobile device from the second
6 mobile device via the first instantaneous network;

7 storing the information at the intermediary mobile device;

8 terminating the first instantaneous network at least with respect to the
9 second mobile device;

10 establishing, after the terminating action, a second instantaneous network
11 including at least the intermediary mobile device and a third mobile device; and,

12 sending, after the establishing action, the information from the intermediary
13 mobile device to the third mobile device via the second instantaneous network.

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15 **35. (new)** The mobile device of claim 34, wherein the action of storing
16 comprises an action of storing the information at the intermediary mobile device in
17 a tree structure.

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19 **36. (new)** The mobile device of claim 34, wherein the action of sending
20 comprises an action of automatically sending the information from the
21 intermediary mobile device to the third mobile device via the second instantaneous
22 network responsive to the establishing action.

1 **37. (new)** The mobile device of claim 34, wherein the information
2 comprises identity information of the second mobile device.

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4 **38. (new)** The mobile device of claim 34, wherein the information is
5 directed to at least one node comprising the second mobile device, the information
6 including an associated decay value such that the information about the second
7 mobile device decays over time and the information about the second mobile
8 device may be deleted upon expiration of the associated decay value.

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10 **39. (new)** The mobile device of claim 34, wherein the information
11 comprises one or more of: advertising information and dating information.